FI Certificate of Field Verification and Diagnostic Testing

FI-3

Site Address	Builder Name
HERS Rater	PVID
Certifying Signature	Date

HERS Rater Compliance Statement

As the HERS Rater providing diagnostic testing and field verification, I vertify that the PV system on the house identified on this form complies with all applicable verification requirements as specified in the *New Solar Homes Partnership Guidebook, Tenth Edition* , Chapter VII

Climate Zone: **3**
Array 1 Azimuth (degrees from North): **90**
Array 2 Azimuth (degrees from North): **180**
Array 3 Azimuth (degrees from North): **270**

Equipment Specifications

Equipment Type	*CEC Certified Manufacturer Name and Model Number*	*Pass/Fail*
Meter Must be built into inverter or on		☐ Pass ☐ Fail
Inverter Must be the same as listed on the FI-		☐ Pass ☐ Fail
PV Modules Must be the same as listed on the FI-		☐ Pass ☐ Fail

PV Modules **Shading**

Array	*Quantity*	*Minimally Shaded*[1]	*Annual Solar Access*[2]
#1			
#2			
#3			
Total			

Field Measurements for Performance Verification

Measurement	*Method Used*	*Value Measured*	*Pass/Fail*
Ambient Temperature (°*F*)			☐ Pass ☐ Fail
Solar Irradiance, Array #1 (W/m²)			☐ Pass ☐ Fail
Solar Irradiance, Array #2 (W/m²)			☐ Pass ☐ Fail
Solar Irradiance, Array #3 (W/m²)			☐ Pass ☐ Fail

Performance Verification

Line	*Measurement*	*Method Used*	*Value*	*Pass/Fail*
#1	Array #1 Expected Output from Field Verification Table (FVT) #1 (*W*)[3]			
#2	Array #2 Expected Output from Field Verification Table (FVT) #2 (*W*)[4]			
#3	Array #3 Expected Output from Field Verification Table (FVT) #3 (*W*)[5]			
#4	Total Expected Output (*W*)	Sum of Lines #1, #2, #3		
#5	Electric production (*W*) as shown on the inverter or performance meter display			Line #5 ≥ Line #4 ☐ Pass ☐ Fail

1 An array is minimally shaded if each obstruction is at least twice as far from the array as the height it extends above the array

2 The annual solar access is calculated through the use of a solar assessment tool. If minimally shaded, enter 100%

3,4,5 Use the applicable irradiance from the field measurements table along with the ambient temperature. Use the FVTs from the applicable FI-1